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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OFFICIAL

Applicant: R. LEVKOVITZ, et al.
Serial Number: 09/403,220
Filed: December 20, 1999
For: DIRECT TOMOGRAPHIC RECONSTRUCTION
Art Unit: 2623
Examiner: Mehrdad DASTOURI

Honorable Commissioner of Patents and Trademarks
P.O. Box 1450
Alexandria, VA 22313-1450

SUMMARY OF SUBSTANCE OF INTERVIEW

Sir:

Further to an interview in the above referenced application, between Examiner Dastouri and the undersigned, on June 9, 2004, the following is a summary of the substance of the interview.

The present application is under final rejection. The final rejection was made by an Examiner who is no longer with the office. Mr. Dastouri is now the Examiner in charge of the examination.

At the interview, the undersigned discussed the reasons given in Applicant's last submission and why the final rejection did not present a true picture of the prior art as it applies to the present claims.

In particular, the prior art does not explicitly teach that individual events or unbinned events are used in the reconstruction. The previous Examiner's reliance on Hasagawa's ability to discern individual nuclear events is misplaced. In fact, Hasagawa utilizes a different metric that "individual events" namely, "photons per unit time." In order to utilize the metric "photons per unit time, it is necessary to collect the photons in groups (binning). Furthermore, the very concept of events per unit time is the antithesis of utilizing individual or unbinned events.

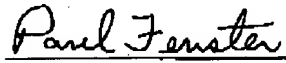
At the interview the undersigned suggested that applicants would consider replacing "radiation events" with "Nuclear events" in the claims, if this would result in allowance. The undersigned has discussed this change with the assignee of the patent application and applicants agree to the change, in order to avoid the expense of an appeal. This would result in amendments

154/01214 A03

to claims 1, 10 22, 24, 25, 26, and canceling claims 27 and 28. Independent claims 31 and 33 already are limited to specific types of Nuclear events.

The Examiner is invited to call the undersigned to discuss this case, keeping in mind that the next deadline for filing an Appeal Brief is July 19, 2004.

Respectfully submitted,
R. LEVKOVITZ, et al.


Paul Fenster
Reg. No. 33,877

July 7, 2003
William H. Dippert, Esq.
Reed Smith LLP
599 Lexington Avenue, 29th Floor
New York, NY 10022-7650

TRANSMITTAL LETTER (General - Patent Pending)				Docket No. 154/01214	
In Re Application Of: R. LEVKOVITZ et al.					
Application No. 09/403,220	Filing Date December 20, 1999	Examiner MEHRDAD, Dastouri	Customer No. 44909	Group Art Unit 2623	Confirmation No. 6991
Title: DIRECT TOMOGRAPHIC RECONSTRUCTION					
<p style="text-align: center;"><u>COMMISSIONER FOR PATENTS:</u></p> <p>Transmitted herewith is:</p> <p style="padding-left: 40px;">Summary of Substance of Interview</p> <p>in the above identified application.</p> <p><input checked="" type="checkbox"/> No additional fee is required.</p> <p><input type="checkbox"/> A check in the amount of _____ is attached.</p> <p><input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. 03-3419 as described below.</p> <p style="padding-left: 40px;"><input type="checkbox"/> Charge the amount of _____</p> <p style="padding-left: 40px;"><input checked="" type="checkbox"/> Credit any overpayment.</p> <p style="padding-left: 40px;"><input checked="" type="checkbox"/> Charge any additional fee required.</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"><div style="width: 45%;"><p style="font-family: cursive; font-size: 1.2em; margin: 0;"><i>Paul Fenster</i></p><p style="text-align: center; font-size: 0.8em; margin: 0;">Signature</p><p>Paul FENSTER, Reg. No. 33,877</p><p>William H. Dippert, Esq. Reed Smith LLP 599 Lexington Avenue, 29th Floor New York, NY 10022-7650</p><p>Tel: (212) 521-5400</p><p>cc:</p></div><div style="width: 45%; text-align: right;"><p>Dated: July 7, 2004</p></div></div>					

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